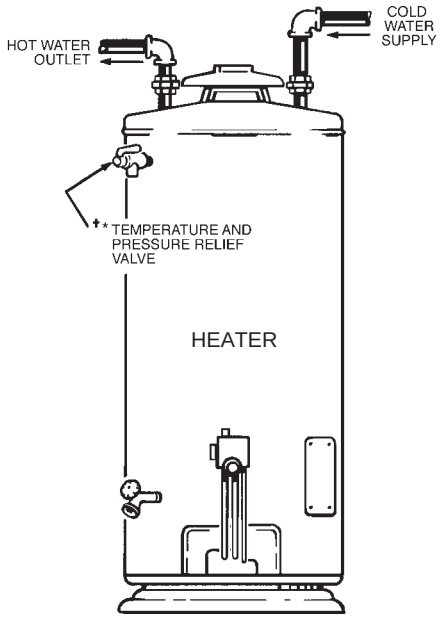
A.O.SMITH

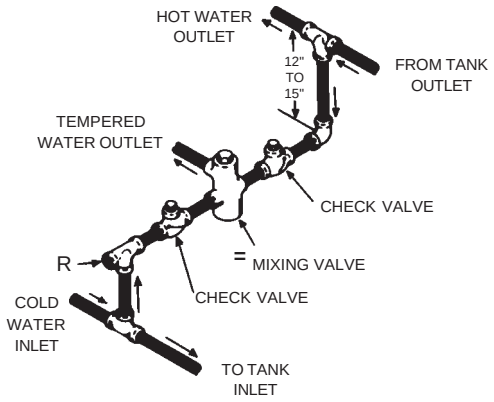
ONE OR TWO TEMPERATURE– ONE HEATER MEDIUM TEMPERATURE STORAGE WITH OR WITHOUT RECIRCULATION

GAS FIRED TANK TYPE
BT-65 THRU BT-100

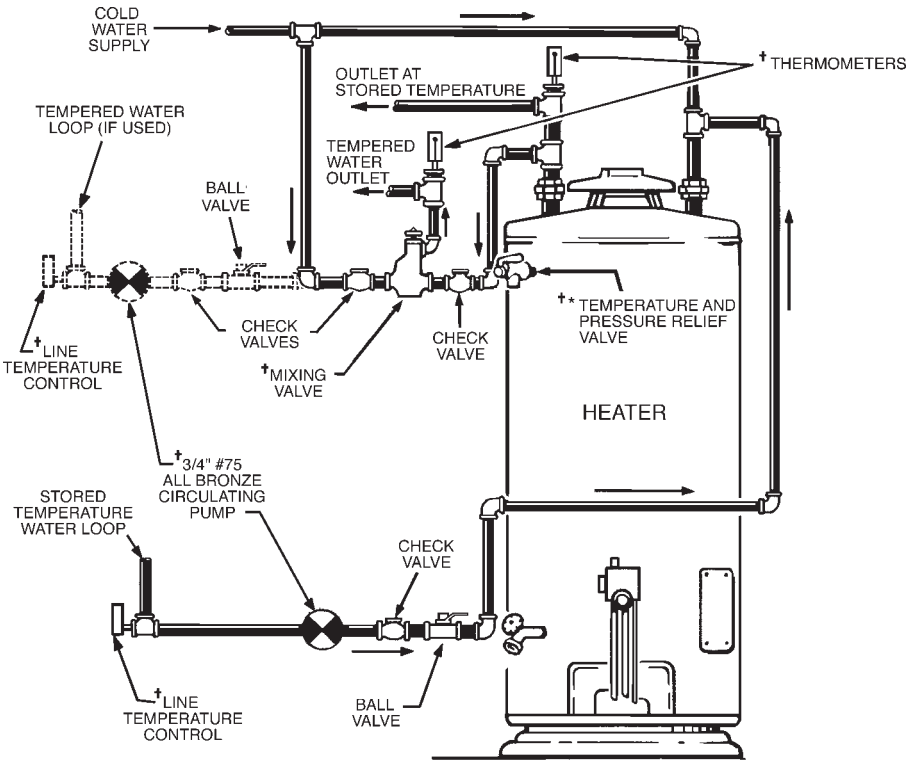


HEATER WITH OR WITHOUT MIXING VALVE

MIXING VALVE APPLICATION FOR TWO TEMPERATURE WATER



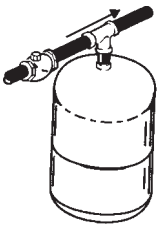
CIRCULATING RETURN LINE CONNECTIONS
– TEMPERED WATER LOOP, IF USED, CONNECT TO POINT R
– STORED TEMPERATURE WATER LOOP, IF USED, CONNECT TO COLD WATER INLET.



HEATER WITH MIXING VALVE AND RECIRCULATED LOOP

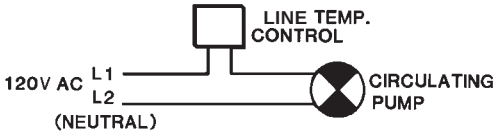
CAUTION:
IF BUILDING COLD WATER SUPPLY HAS A BACKFLOW PREVENTER, CHECK VALVE OR WATER METER WITH CHECK VALVE, PROVISIONS FOR THERMAL EXPANSION OF WATER IN THE HOT WATER SYSTEM MUST BE PROVIDED.

INSERT A



INSTALL THERMAL EXPANSION TANK ON COLD WATER SUPPLY LINE, IF CHECK VALVE OR PRESSURE REDUCING VALVE IS USED IN SUPPLY.

WIRING DIAGRAM FOR EACH WATER LOOP (IF USED)



INSTALL IN ACCORDANCE WITH LOCAL CODES.
*PIPE RELIEF VALVE TO OPEN DRAIN.
†AVAILABLE FROM A. O. SMITH.

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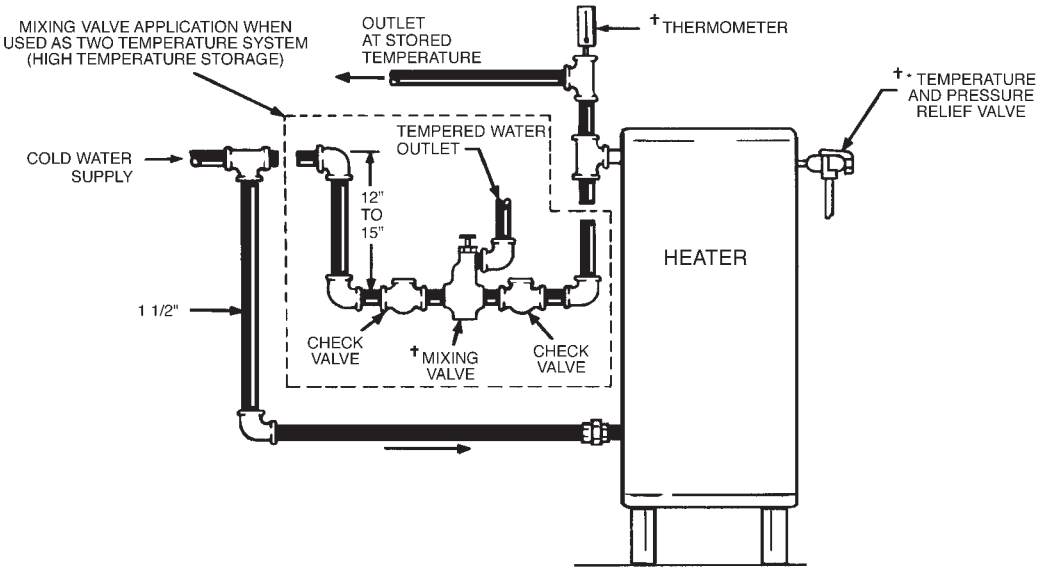
ONE OR TWO TEMPERATURE– ONE HEATER MEDIUM TEMPERATURE STORAGE WITH OR WITHOUT RECIRCULATION

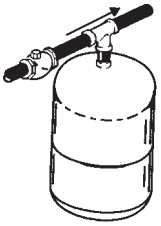
A. O. SMITH

GAS FIRED TANK TYPE
BTC-120 THRU BTC-500
BTP-139 THRU BTP-700



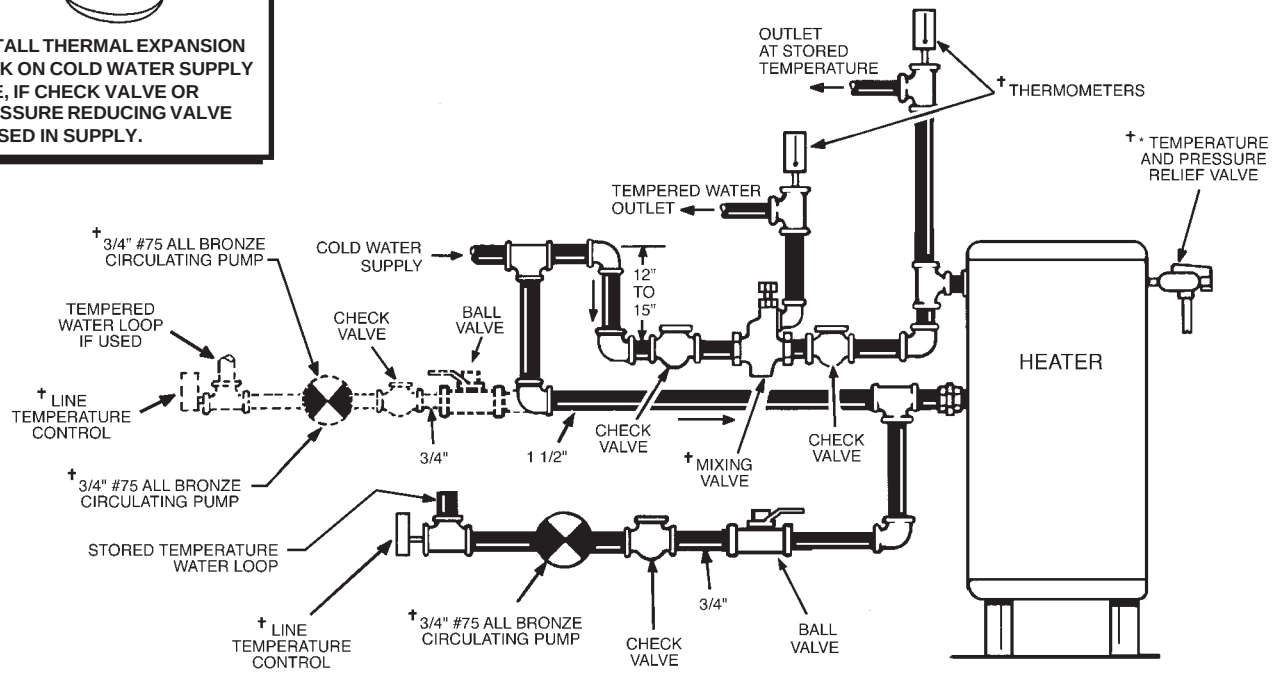
CAUTION:
IF BUILDING COLD WATER SUPPLY HAS A BACKFLOW PREVENTER, CHECK VALVE OR WATER METER WITH CHECK VALVE, PROVISIONS FOR THERMAL EXPANSION OF WATER IN THE HOT WATER SYSTEM MUST BE PROVIDED.

INSERT A



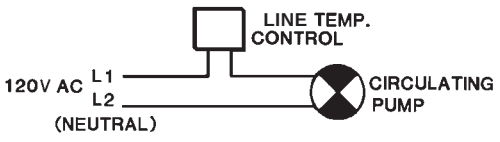
INSTALL THERMAL EXPANSION TANK ON COLD WATER SUPPLY LINE, IF CHECK VALVE OR PRESSURE REDUCING VALVE IS USED IN SUPPLY.

HEATER WITH OR WITHOUT MIXING VALVE



HEATER WITH MIXING VALVE AND RECIRCULATED LOOP

WIRING DIAGRAM FOR EACH WATER LOOP (IF USED)



INSTALL IN ACCORDANCE WITH LOCAL CODES.
* PIPE RELIEF VALVE TO OPEN DRAIN.
= AVAILABLE FROM A. O. SMITH.

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